

## Biography

Hui Yang received the B. Eng. degree from Dalian University of Technology, Dalian, China in 2011, and the Ph.D. degree from Southeast University, Nanjing, China in 2016, respectively, all in electrical engineering. From 2014 to 2015, he was supported by the China Scholarship Council through a one-year joint Ph.D. studentship at The University of Sheffield, Sheffield, U.K. From 2019 to 2020, he was a Postdoctoral Fellow at School of Electrical Engineering, The Hong Kong Polytechnic University. From 2016 to 2024, Prof. Yang was with Southeast University, China, and he is currently a Full Professor at the College of Automation Engineering, Nanjing University of Aeronautics and Astronautics (NUAA).

Prof. Yang served as Associate Editors of IEEE Transactions on Industrial Electronics, IEEE Transactions on Energy Conversion, and Editor of WEVJ. He served as Organizing Committee Chair of iSPEC 2021 and CIEEC 2022. His research interests include novel permanent magnet machines and drives with particular reference to variable-flux machines for electrified transportation, robotics, and renewable energy applications. He has authored or co-authored over 120 IEEE Transactions papers and is the holder of more than 40 patents in these areas.